

Converting Colors

CIE LCh(98, 8.980, 172.040)

Have a look what the booklet for
CIELCh(98, 8.980, 172.040) contains.

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Color

CIELCh(98, 9.013, 171.959)

Conversions

Conversions Part 1

Format	Color
Hex	E7FEF6
RGB	231, 254, 246
RGB Percent	91%, 100%, 96%
CMY	0.0924, 0.0021, 0.0335
CMYK	0.09, 0.00, 0.03, 0.00
HSL	159°, 96%, 95%
HSV	159°, 9%, 100%
XYZ	85.3884, 94.9163, 101.3717
YIQ	246.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

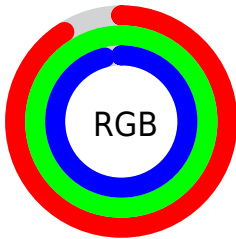
Format	Color
R _{YB}	231, 245, 254
Decimal	15204086
CIE Lab	98.00, -8.92, 1.26
CIE LCh	98, 9.013, 171.959
Yxy	94.9163, 0.3031, 0.3370
Android (android.graphics.Color)	4293394166 (0xFFE7FEF6)
YUV	246.2110, -0.1040, -13.3400
Hunter-Lab	97.4250, -14.0469, 6.5056

Details

The CIELCh color **98, 9.013, 171.959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.219, 353.518**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.867, 173.737** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.852, 170.928**, and if you desaturate by 10%, it is **100, 0.346, 323.558**.

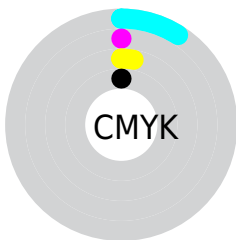
Distribution



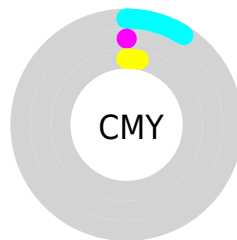
- Red (91%)
- Green (100%)
- Blue (96%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 9.013, 171.959 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 98, 9.013, 171.959 by changing the saturation by 10% instead.

 98, 9.013, 171.959

 98, 9.013, 171.959

 100, 9.013,
171.959

 88, 9.013, 171.959


 78, 9.013, 171.959

 68, 9.013, 171.959

 58, 9.013, 171.959

 48, 9.013, 171.959

 38, 9.013, 171.959

 28, 9.013, 171.959

 18, 9.013, 171.959

 8, 9.013, 171.959

98, 9.013, 171.959

98, 9.013, 171.959

96, 18.852,
170.928

100, 0.346,
323.558

95, 28.407,
169.837

93, 37.519,
168.643

92, 46.017,
167.319

91, 53.735,
165.839

90, 60.538,
164.178

90, 66.344,
162.314

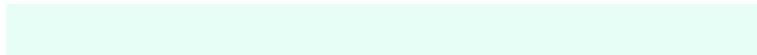
89, 71.155,
160.238

■ 89, 75.115,
157.985

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



98, 9.013, 171.959



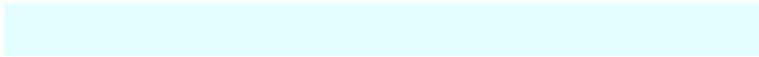
94, 9.219, 353.518

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



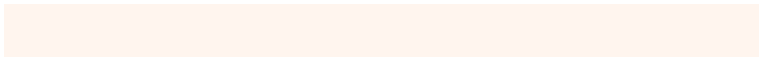
98, 9.013, 171.959



98, 9.013, 221.959



98, 9.013, 351.959



98, 9.013, 41.959

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



98, 9.015, 171.952



99, 2.998, 172.637



98, 12.899, 133.760



53, 2.273, 172.525



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

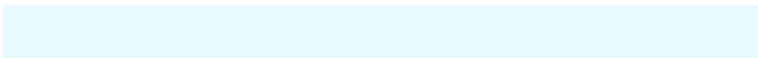
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.015, 171.952



98, 10.974, 171.753



97, 6.876, 213.987



52, 5.676, 171.905



69, 60.445, 158.195



23, 26.401, 161.316

Inverse Universe

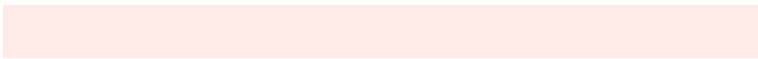
The Inverse Universe completely reimagines the original color for something new.



94, 9.219, 353.518



93, 11.272, 353.727



94, 7.289, 33.798



50, 5.811, 353.568



40, 69.279, 16.817



10, 31.313, 9.160

Previews

White Background



This preview shows how the CIELCh color 98, 9.013, 171.959 looks on a white background.

Color Contrast Check

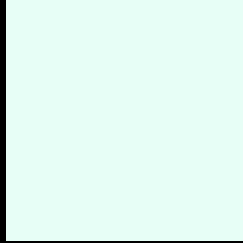
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 9.013, 171.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

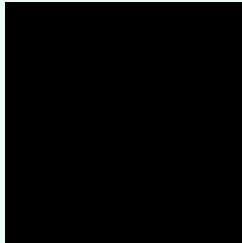
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

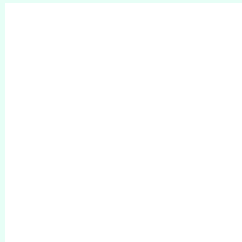
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.013, 171.959

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.013, 171.959.

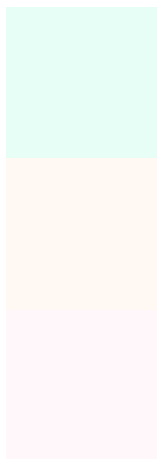


This preview shows how white text looks on a background with the CIELCh color 98, 9.013, 171.959.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 9.013, 171.959

Protanopia

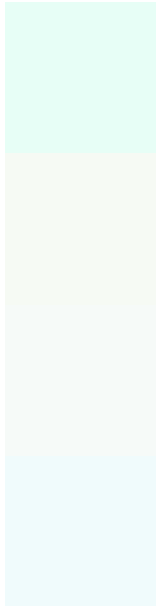
98, 3.537, 65.249

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.347, 266.028

Trichromacy



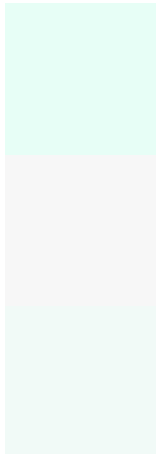
Original Color
98, 9.013, 171.959

Protanomaly
98, 3.372, 134.631

Deuteranomaly
98, 1.736, 163.796

Tritanomaly
98, 3.830, 206.999

Monochromacy



Original Color
98, 9.013, 171.959

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.510, 173.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.013, 171.959 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.013, 171.959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 254, 246) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 254, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.013, 171.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
254, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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